



PROJECT MANAGEMENT CHALLENGE 2009

Sixth Annual NASA Project Management Seminar

ABSTRACT AND BIOGRAPHY

Living in the Virtual Conference Room

The Constellation Ground and Mission Operations Systems Integration Group (GMO SIG) is responsible for the formulation, maturation and verification of all Operational-focused System Requirements for the Constellation Program. The SIG was initially formed in early 2006 and has undergone several transformations including leadership changes, membership turnovers, organizational transfer, mission creep and scope growth. Throughout this growth and turmoil, the one constant, which has contributed to many successes of the SIG, has been the team's reliance and skill at harnessing the virtual collaboration tools, which were made available to the team by the Constellation Program. One of the critical challenges of maintaining the team's high performance is "keeping everyone on the same page" to promote effective communication and shared information. This session will discuss how the team has combined electronic mail, telecons & virtual on-line meeting tools, and an evolving Web 2.0 collaboration Wiki site to meet the GMO SIG's needs building synergy in a small team to provide high-performance results.

Kevin A Ingoldsby

Associate

Booz Allen Hamilton

Kevin Ingoldsby has served as co-leader of the NASA Constellation Program Ground & Mission Operations SIG since November of 2006. He has over 25 years of experience in Space launch Operations working on the Space Shuttle External Tank project, performing Operations Analysis and Modeling of launch vehicle operations, serving as Operations Lead for several developmental programs including the Liquid Flyback Booster for STS and leading the Propulsion Systems subgroup of the Advanced Spaceport Technologies Working Group. Mr. Ingoldsby has co-authored several papers on the subject of infusing Operability principles and design practices into the design and development of space launch systems. Kevin holds both BS and MS degrees in Physics from Creighton University.

Young H Lee

JPL Exploration Systems Engineering Office

NASA Jet Propulsion Laboratory

Young Lee has been a core member of the Constellation Program GMO SIG from its inception in March 2006. Since joining JPL in 1985, she has gained a wealth of flight project development and operations experience, such as oversight, hands-on development & deployment, and multi-mission operational systems support for 14 NASA missions, including Mars Reconnaissance Orbiter (MRO), Mars Exploration Rovers, Spitzer, and Cassini. She was the MRO end-to-end Data Accountability Team chief, responsible for development of the end-to-end data accountability system, operations team formulation and implementation. She was a technical group supervisor of the



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Mission Data Systems Adaptation Group for seven years, promoting operations cost reduction, system user productivity improvements, and increased information throughput. She has an M.S. in management of information systems from the Claremont Graduate University in California and is pursuing her Ph.D. at the Claremont Graduate University.